



# 6 2652

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q67433

Naoharu YANAGAWA, et al.

Appln. No.: 09/994,608

Group Art Unit: 2652

Confirmation No.: 9299

Examiner: Not Yet Assigned

Filed: November 28, 2001

**RECEIVED**

MAR 23 2004

For: DEVICE AND METHOD FOR CONTROLLING TILT SERVO

Technology Center 2600

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith. Also, enclosed is a European Office Action in a corresponding European Patent Application, citing the references enclosed with this IDS.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 09/994,608

Attorney Docket No.: Q67433

under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required. Nevertheless, since a statement can be made, a statement is submitted herewith.

The present Information Disclosure Statement is being filed thirty days or fewer from the communication from a foreign patent office and a Statement Under 37 C.F.R. §1.704(d) is attached.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Respectfully submitted,



Darryl Mexic

Registration No. 23,063

Date: March 22, 2004



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q67433

Naoharu YANAGAWA, et al.

Appln. No.: 09/994,608

Group Art Unit: 2652

Confirmation No.: 9299

Examiner: Not Yet Assigned

Filed: November 28, 2001

For: DEVICE AND METHOD FOR CONTROLLING TILT SERVO

**RECEIVED**

MAR 23 2004

**STATEMENT UNDER 37 C.F.R. § 1.704(d)**

Technology Center 2600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and that the communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of said Information Disclosure Statement.

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: March 22, 2004

Respectfully submitted,

Darryl Mexic  
Registration No. 23,063



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q67433

Naoharu YANAGAWA, et al.

Appln. No.: 09/994,608

Group Art Unit: 2652

Confirmation No.: 9299

Examiner: Not Yet Assigned

Filed: November 28, 2001

For: DEVICE AND METHOD FOR CONTROLLING TILT SERVO

RECEIVED

MAR 23 2004

Technology Center 2600

STATEMENT UNDER 37 C.F.R. § 1.97(e)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Respectfully submitted,

Darryl Mexic

Registration No. 23,063

Date: March 22, 2004

Substitute for Form 1449 A &amp; B/PTO

Complete if Known

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

|                        |                   |
|------------------------|-------------------|
| Application Number     | 09/994,608        |
| Confirmation Number    | 9299              |
| Filing Date            | November 28, 2001 |
| First Named Inventor   | Naoharu YANAGAWA  |
| Art Unit               | 2652              |
| Examiner Name          | Not Yet Assigned  |
| Attorney Docket Number | Q67433            |

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                    |                       | US 5,539,710    | A                                    | 7/23/1996                      | Tokushuku et al.                                |
|                    |                       | US 6,137,754    | A                                    | 10/24/2000                     | Furukawa et al.                                 |
|                    |                       | US 6,021,102    | A                                    | 2/1/2000                       | Seto et al.                                     |
|                    |                       | US 6,141,304    | A                                    | 10/31/2000                     | Ogasawara                                       |
|                    |                       | US 6,088,317    | A                                    | 7/11/2000                      | Kim et al.                                      |
|                    |                       | US 5,742,575    | A                                    | 4/21/1998                      | Yamakawa et al.                                 |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |
|                    |                       | US              |                                      |                                |   |

RECEIVED

MAR 23 2004

Technology Center 2600

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation <sup>6</sup> |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|---|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |   |                          |
|                    |                       | EP                        | 0 806 767           | A1                                   | 11/12/1997                     | SONY CORPORATION                                |                          |
|                    |                       | EP                        | 0 874 356           | A2                                   | 10/28/1998                     | PIONEER ELECTRONIC CORPORATION                  |                          |
|                    |                       | EP                        | 0 987 704           | A1                                   | 3/22/2000                      | MITSUMI ELECTRIC COMPANY LTD.                   |                          |
|                    |                       | JP                        | 61 129750           | A                                    | 06/17/1986                     | HITACHI LTD.                                    | Abstract                 |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |
|                    |                       |                           |                     |                                      |                                |   |                          |

## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------|
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |
|                    |                       |  |                          |

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.